(FILE 'HOME' ENTERED AT 12:23:09 ON 18 SEP 2002) FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:23:19 ON 18 SEP 2002 1756387 S SEQUENC? L1806 S MICROFLUIDIC(1A) (DEVICE OR APPAR? OR MACHIN?) L23696 S MICROCHANNEL L3 53110 S PYROPHOSPHATE L4147 S L2 AND L3 L5 1 S L5 AND L4 L6 95 S L2 AND L1 L7 2 S L7 AND L4 $\Gamma8$ FILE 'STNGUIDE' ENTERED AT 12:29:18 ON 18 SEP 2002 FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:30:22 ON 18 SEP 2002 31 S L7 AND DETECT? L9 28 DUP REM L9 (3 DUPLICATES REMOVED) L10 2 S L10 NOT PY>1998 L11 FILE 'STNGUIDE' ENTERED AT 12:34:14 ON 18 SEP 2002 FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:39:28 ON 18 SEP 2002 7517 S BIOLOGIC? (1A) SENS? L12 253 S L12 AND L1 L13 0 S L13 AND (L2 OR L3) L14 0 S L13 AND L4 L15 1931 S MICROFLUIDIC? L16 0 S L16 AND L13 L17 2 S L16 AND L4 L18 3187 S L1 AND (FLUOR?(1A) DETECT?) L19 10 S L19 AND L16 L20 10 DUP REM L20 (0 DUPLICATES REMOVED) L21 0 S L21 NOT PY>1998 L22

FILE 'STNGUIDE' ENTERED AT 12:47:29 ON 18 SEP 2002

=>

(FILE 'HOME' ENTERED AT 16:40:19 ON 18 SEP 2002)

L1

L2

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:40:34 ON 18 SEP 2002 2 S MICROFLUIDIC BIOCHEMICAL ANALYSIS SYSTEM

FILE 'STNGUIDE' ENTERED AT 16:42:40 ON 18 SEP 2002

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:44:13 ON 18 SEP 2002 6 S MICROFLUIDIC FLOW CONTROL

FILE 'STNGUIDE' ENTERED AT 16:45:49 ON 18 SEP 2002

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|-------|------------------|
| 1 | 888 | Sequence\$ same pyrophosph\$ | USPAT | 2002/09/18 13:01 |
| 2 | 0 | (Sequence\$ same pyrophosph\$) same | USPAT | 2002/09/18 13:02 |
| | Ť | (microfluid\$ same (device\$ or mach\$ or | | |
| | | apparat\$)) | | |
| 3 | 0 | (Sequence\$ same pyrophosph\$) same | USPAT | 2002/09/18 13:03 |
| | J | (microfluid\$ same device\$) | | |
| 4 | 0 | ((Sequence\$ same pyrophosph\$) same | USPAT | 2002/09/18 13:03 |
| • | | (microfluid\$ same (device\$ or mach\$ or | | |
| 1 | | apparat\$))) same microfuid\$ | | |
| 5 | 0 | ((Sequence\$ same pyrophosph\$) same | USPAT | 2002/09/18 13:03 |
| | | (microfluid\$ same (device\$ or mach\$ or | | |
| | | apparat\$))) same microfluid\$ | | |
| 6 | 65 | sequence\$ same microfluid\$ | USPAT | 2002/09/18 13:04 |
| 8 | 11 | l = | USPAT | 2002/09/18 13:05 |
| 1 | | fluoresc\$ | | |
| 9 | 9 | (sequence\$ same microfluid\$) same | USPAT | 2002/09/18 13:05 |
| - | | fluoroph\$ | | |